

# **E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) - Pipeline Review, H2 2017**

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## **Abstracts**

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### **SUMMARY**

E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) pipeline Target constitutes close to 25 molecules. Out of which approximately 18 molecules are developed by companies and remaining by the universities/institutes. The latest report E3 Ubiquitin Protein Ligase Mdm2 - Pipeline Review, H2 2017, outlays comprehensive information on the E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) - E3 ubiquitin-protein ligase Mdm2 is a protein encoded by the MDM2 gene. It acts as an ubiquitin ligase E3 toward itself and ARRB1. It permits the nuclear export of p53/TP53. It promotes proteasome-dependent ubiquitin-independent degradation of retinoblastoma RB1 protein. It inhibits DAXX-mediated apoptosis by inducing its ubiquitination and degradation. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 3, 3, 7 and 4 respectively. Similarly, the universities portfolio in

Phase I, Preclinical and Discovery stages comprises 1, 3 and 3 molecules, respectively. Report covers products from therapy areas Oncology and Ophthalmology which include indications Solid Tumor, Lymphoma, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Myelodysplastic Syndrome, Diffuse Large B-Cell Lymphoma, Glioblastoma Multiforme (GBM), Leukemias, Osteosarcoma, Refractory Multiple Myeloma, Soft Tissue Sarcoma, Blood Cancer, Breast Cancer, Chronic Myelocytic Leukemia (CML, Chronic Myeloid Leukemia), Colorectal Cancer, Dedifferentiated Liposarcoma, Dry (Atrophic) Macular Degeneration, Essential Thrombocythemia, Follicular Lymphoma, Liposarcoma, Melanoma, Metastatic Breast Cancer, Metastatic Melanoma, Multiple Myeloma (Kahler Disease), Peripheral T-Cell Lymphomas (PTCL), Polycythemia Vera, Proliferative Vitreoretinopathy (PVR), Recurrent Glioblastoma Multiforme (GBM), Relapsed Multiple Myeloma and Well Differentiated Liposarcoma.

Furthermore, this report also reviews key players involved in E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) targeted therapeutics development with respective active and dormant or discontinued projects. Driven by data and information sourced from proprietary databases, company/university websites, clinical trial registries, conferences, SEC filings, investor presentations and featured press releases from company/university sites and industry-specific third party sources.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.)

The report reviews E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) targeted therapeutics under development by companies and universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development

ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities

The report reviews key players involved in E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) targeted therapeutics and enlists all their major and minor projects

The report assesses E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) targeted therapeutics

## REASONS TO BUY

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies

Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand business potential and scope

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Amgen Inc

Ascentage Pharma Group Corp Ltd

Boehringer Ingelheim GmbH

Daiichi Sankyo Co Ltd

F. Hoffmann-La Roche Ltd

Merck & Co Inc

Novartis AG

E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) - Drug Profiles

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R&D Progress

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Mechanism Of Action

R&D Progress

APG-115 - Drug Profile

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R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

CGM-097 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

CTX-1 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

CTX-50 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

DS-3032 - Drug Profile

Product Description

Mechanism Of Action

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DS-5272 - Drug Profile

Product Description

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HDM-201 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

idasanutlin - Drug Profile

Product Description

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## Featured News & Press Releases

Dec 11, 2017: Aileron Therapeutics Presents New Data on ALRN-6924 in Oral Presentations at 2017 American Society of Hematology Meeting

Nov 14, 2017: Daiichi Sankyo Announces Presentation on its Investigational Agent DS-5272 at ASH

Nov 01, 2017: Aileron Therapeutics Announces Oral Presentations on Lead Product Candidate ALRN-6924 at the 59th American Society of Hematology Annual Meeting

Aug 24, 2017: Aileron Therapeutics Announces Presentation of Preclinical Data with ALRN-6924 at the International Society of Experimental Hematology Annual Scientific Meeting

Jun 03, 2017: Anti-tumor Activity Observed in Phase 1 Trial of Novel P53-Targeting Drug ALRN-6924

May 18, 2017: Aileron Therapeutics Announces Oral Presentation at ASCO on ALRN-6924 Targeting p53



Dec 05, 2016: Daiichi Sankyo Presents Phase 1 Data for MDM2 Inhibitor DS-3032 in Acute Myeloid Leukemia and Myelodysplastic Syndrome at the 58th Annual Meeting of the American Society of Hematology

Nov 30, 2016: Daiichi Sankyo Highlights Clinical Data on DS-3032 at the 58th Annual Meeting of the American Society of Hematology

Feb 12, 2015: Aileron Therapeutics Initiates Phase 1 Cancer Study of ALRN-6924 in Advanced Hematologic and Solid Malignancies with Wild Type p53

Dec 05, 2014: Roche to present clinical data on RG-7388 at ASH

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### COMPANIES MENTIONED

Aileron Therapeutics Inc

Amgen Inc

Ascentage Pharma Group Corp Ltd

Boehringer Ingelheim GmbH

Daiichi Sankyo Co Ltd

F. Hoffmann-La Roche Ltd

Merck & Co Inc

Novartis AG

## I would like to order

Product name: E3 Ubiquitin Protein Ligase Mdm2 (Double Minute 2 Protein or Hdm2 or Oncoprotein Mdm2 or p53 Binding Protein Mdm2 or MDM2 or EC 6.3.2.) - Pipeline Review, H2 2017

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